

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A fuel cell vehicle, comprising:  
a fuel cell power system ~~(100)~~ which generates power using hydrogen and oxygen;  
a motor ~~(9)~~ for a vehicle drive which runs by receiving the power supplied from the fuel cell power system ~~(100)~~; and  
a controller ~~(10)~~ functioning to:  
compute an electrical load demand required for running the vehicle,  
operate the fuel cell power system ~~(100)~~ under a constant load regardless of the electrical load demand, when the electrical load demand is smaller than a predetermined load, and  
operate the fuel cell power system ~~(100)~~ under a load according to the electrical load demand, when the electrical load demand is larger than the predetermined load.
2. (Original) The fuel cell vehicle as defined in Claim 1, wherein:  
the electrical load demand is an instantaneous value of an electrical load required for running the vehicle.
3. (Original) The fuel cell vehicle as defined in Claim 1, wherein:  
the electrical load demand is a time average of an electrical load required for running the vehicle.
4. (Original) The fuel cell vehicle as defined in Claim 1, wherein:  
steady state operation under the predetermined load is included in the constant load operation.
5. (Original) The fuel cell vehicle as defined in Claim 1, wherein:  
idle operation is included in the constant load operation.
6. (Original) The fuel cell vehicle as defined in Claim 1, wherein:

stop state is included in the constant load operation.

7. (Currently Amended) The fuel cell vehicle as defined in Claim 4, further comprising:

a battery ~~(7)~~ which stores the power generated by the fuel cell power system ~~(100)~~, and  
a sensor ~~(13)~~ which detects a charge state of the battery ~~(7)~~, wherein  
the controller ~~(10)~~ further functions to change over the operating state of the fuel cell power system ~~(100)~~ from the steady state operation to the idle operation state, when the charge state of the battery ~~(7)~~ reaches ~~an~~ a predetermined upper limit.

8. (Currently Amended) The fuel cell vehicle as defined in Claim 4, further comprising:

a battery ~~(7)~~ which stores the power generated by the fuel cell power system ~~(100)~~, and  
a sensor ~~(13)~~ which detects a charge state of the battery ~~(7)~~, wherein  
the controller ~~(10)~~ further functions to change over the operating state of the fuel cell power system ~~(100)~~ from the steady state operation to the stop state, when the charge state of the battery ~~(7)~~ reaches a predetermined upper limit.

9. (Currently Amended) The fuel cell vehicle as defined in Claim 1, wherein the predetermined load is a load corresponding to the maximum efficiency operating point of the fuel cell power system ~~(100)~~.

10. (Currently Amended) The fuel cell vehicle as defined in Claim 1, wherein the controller ~~(10)~~ further functions to:

continuously operate the fuel cell power system ~~(100)~~ so that the operating load of the fuel cell power system ~~(100)~~ is the electrical load demand, when the electrical load demand is larger than the predetermined load.

11. (Currently Amended) The fuel cell vehicle as defined in Claim 1, further comprising:

a battery ~~(7)~~ which stores the power generated by the fuel cell power system ~~(100)~~, and

a sensor (13)-which detects a charge state of the battery-(7), wherein the controller (10) further functions to:

operate the fuel cell power system (100)-such that the battery (7)-is charged until the charge state of the battery (7)-reaches a predetermined upper limit, when the charge state of the battery (7)-reaches a predetermined lower limit, and

operate the fuel cell power system (100)-in the idle operation state until the charge state of the battery (7)-reaches the predetermined lower limit, when the charge state of the battery (7)-reaches the predetermined upper limit.

12. (Currently Amended) The fuel cell vehicle as defined in Claim 1, further comprising:

a battery (7)-which stores the power generated by the fuel cell power system-(100), and  
a sensor (13)-which detects a charge state of the battery-(7), wherein the controller (10) further functions to:

operate the fuel cell power system (100)-such that the battery (7)-is charged until the charge state of the battery (7)-reaches a predetermined upper limit, when the charge state of the battery (7)-reaches a predetermined lower limit, and

stop the fuel cell power system (100)-until the charge state of the battery (7)-reaches the predetermined lower limit, when the charge state of the battery (7)-reaches the predetermined upper limit.

13. (Currently Amended) The fuel cell vehicle as defined in Claim 1, further comprising:

a battery (7)-which stores the power generated by the fuel cell power system-(100), and  
a sensor (13)-which detects a charge state of the battery-(7), wherein the controller (10) further functions to compensate the predetermined load according to the charge state of the battery-(7).

14. (Currently Amended) The fuel cell vehicle as defined in Claim 3, wherein the time average of the electrical load demand is the average of the electrical load demand in a time interval shorter than the startup time of the fuel cell power system-(100).

15. (Currently Amended) The fuel cell vehicle as defined in Claim 1, further comprising:

a battery ~~(7)~~ which stores the power generated by the fuel cell power system ~~(100)~~, wherein

the controller ~~(10)~~ further functions to:

continuously operate the fuel cell power system ~~(100)~~ such that the operation load of the fuel cell power system ~~(100)~~ is a value obtained by compensating the electrical load demand according to the charge state of the battery ~~(7)~~, when the electrical load demand is larger than the predetermined load.

16. (Currently Amended) A fuel cell vehicle, comprising:

a fuel cell power system ~~(100)~~ which generates power using hydrogen and oxygen;

a motor ~~(9)~~ for a vehicle drive which runs by receiving the power supplied from the fuel cell power system ~~(100)~~;

a battery ~~(7)~~ which stores the power generated by the fuel cell power system ~~(100)~~;

a sensor ~~(13)~~ which detects a charge state of the battery ~~(7)~~; and

a controller ~~(10)~~ functioning to:

compute an electrical load demand required for running the vehicle,

operate the fuel cell power system ~~(100)~~ under a constant load regardless of the electrical load demand, when the electrical load demand is smaller than a predetermined load,

operate the fuel cell power system ~~(100)~~ under a load according to the electrical load demand, when the electrical load demand is larger than the predetermined load,

operate the fuel cell power system ~~(100)~~ such that the battery ~~(7)~~ is charged until the charge state of the battery ~~(7)~~ reaches a predetermined upper limit, when the charge state of the battery ~~(7)~~ reaches a predetermined lower limit, and

operate the fuel cell power system ~~(100)~~ in the idle operation state until the charge state of the battery ~~(7)~~ reaches the predetermined lower limit, when the charge state of the battery ~~(7)~~ reaches the predetermined upper limit.

17. (Currently Amended) A fuel cell vehicle, comprising:

a fuel cell power system ~~(100)~~ which generates power using hydrogen and oxygen;

a motor ~~(9)~~ for a vehicle drive which runs by receiving the power supplied from the fuel cell power system ~~(100)~~;

a battery ~~(7)~~ which stores the power generated by the fuel cell power system ~~(100)~~;

a sensor ~~(13)~~ which detects a charge state of the battery ~~(7)~~, and

a controller ~~(10)~~ functioning to:

compute an electrical load demand required for running the vehicle,

operate the fuel cell power system ~~(100)~~ under a constant load regardless of the electrical load demand, when the electrical load demand is smaller than a predetermined load,

operate the fuel cell power system ~~(100)~~ under a load according to the electrical load demand, when the electrical load demand is larger than the predetermined load,

operate the fuel cell power system ~~(100)~~ such that the battery ~~(7)~~ is charged until the charge state of the battery ~~(7)~~ reaches a predetermined upper limit, when the charge state of the battery ~~(7)~~ reaches a predetermined lower limit, and

stop the fuel cell power system ~~(100)~~ until the charge state of the battery ~~(7)~~ reaches the predetermined lower limit, when the charge state of the battery ~~(7)~~ reaches the predetermined upper limit.